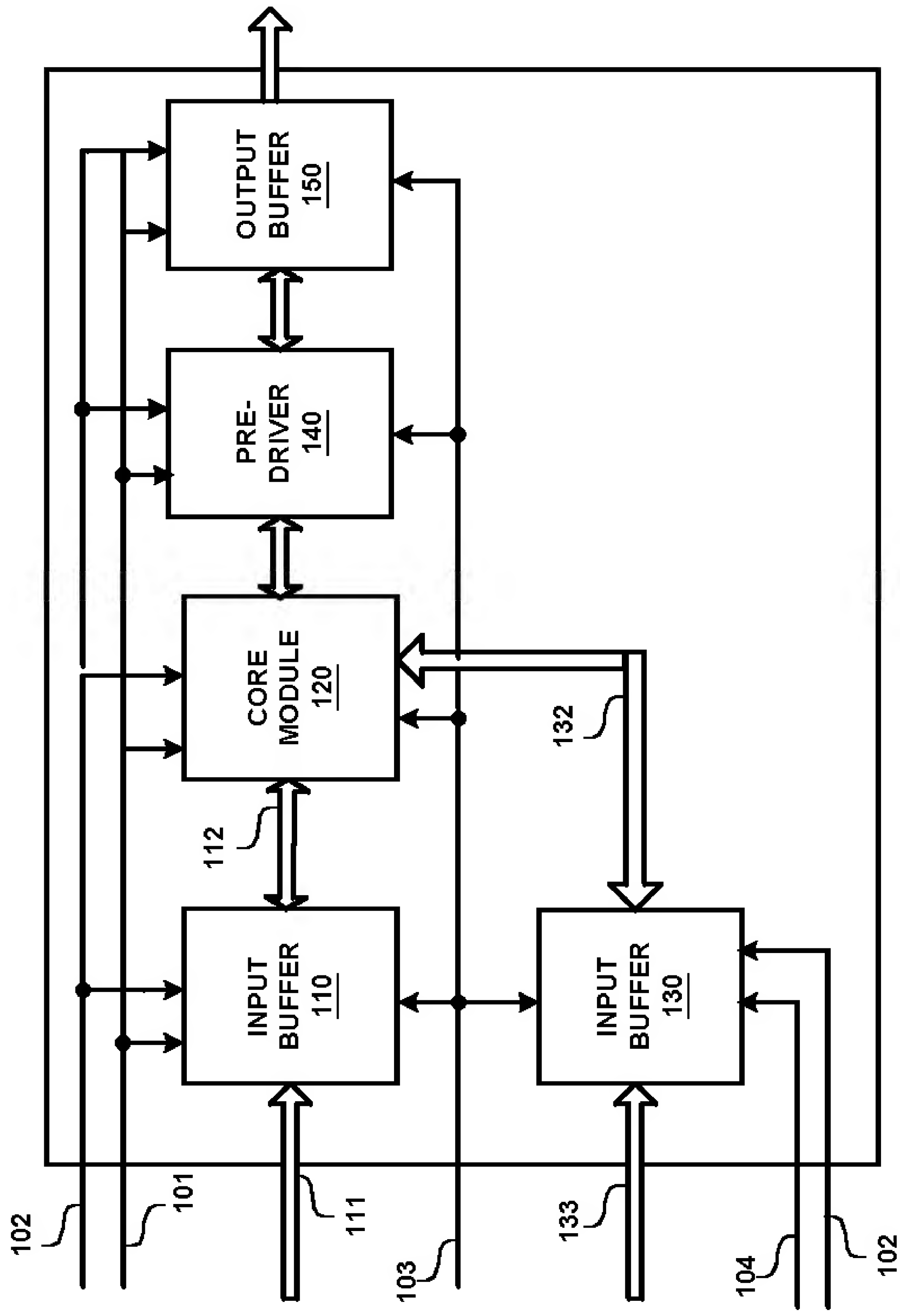
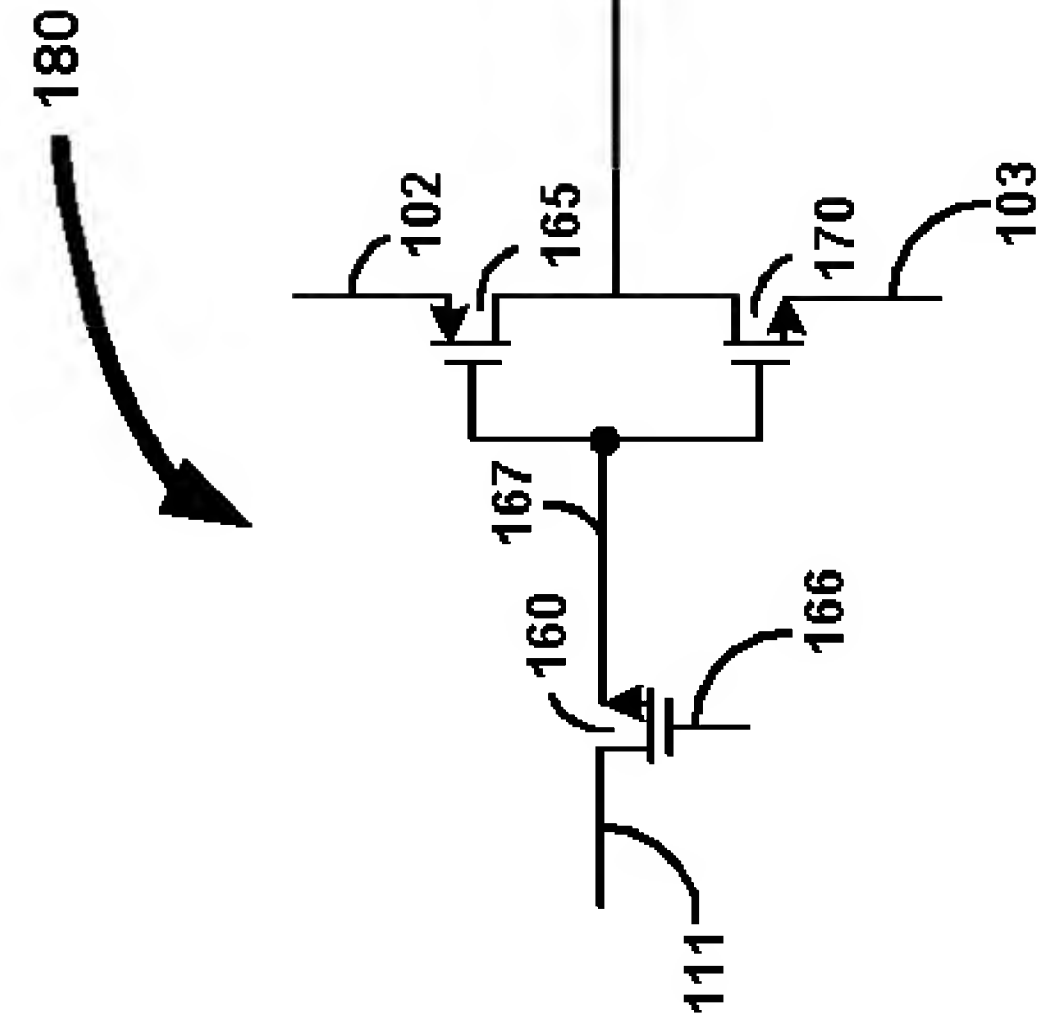


**FIG. 1A**

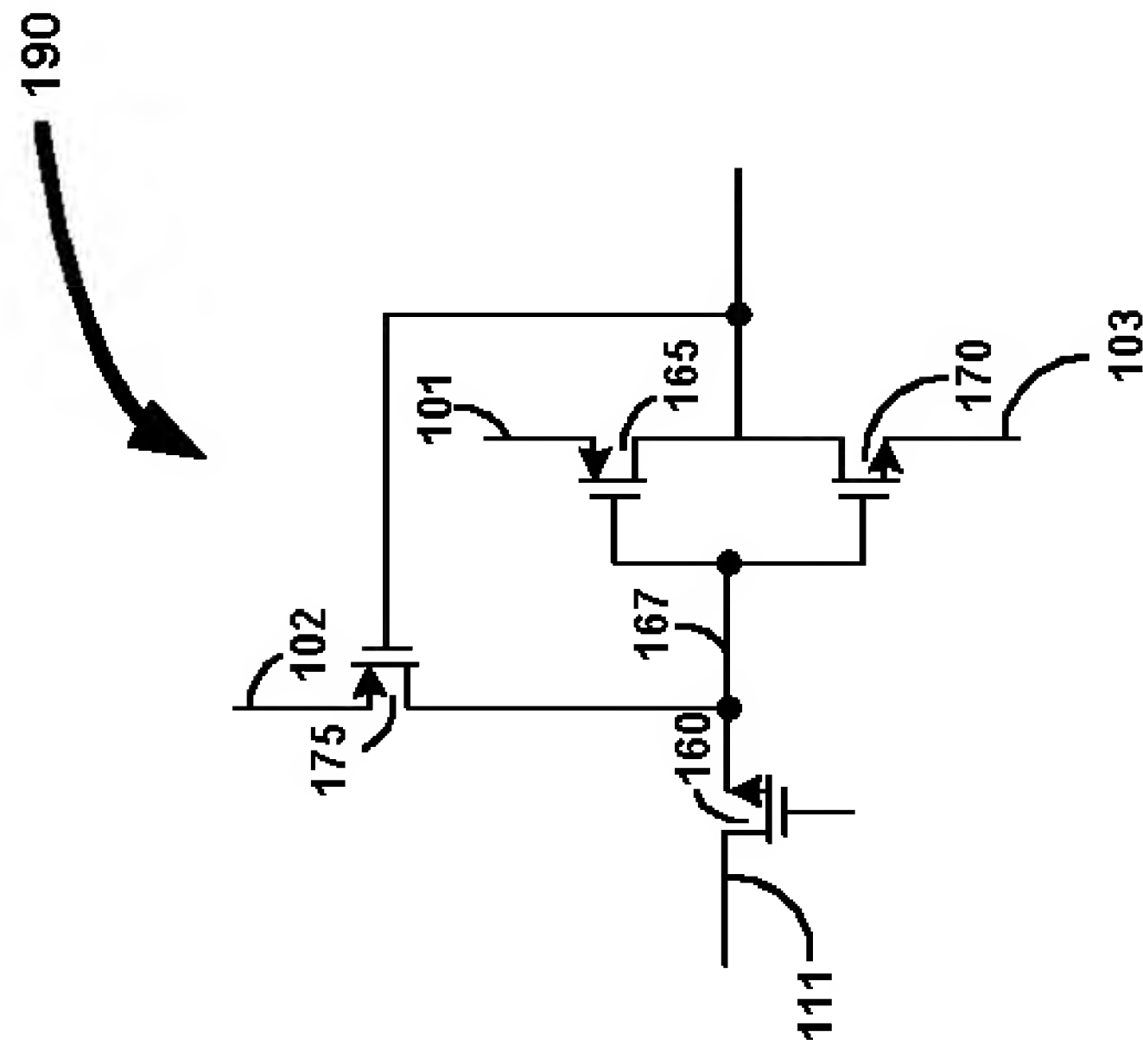
199



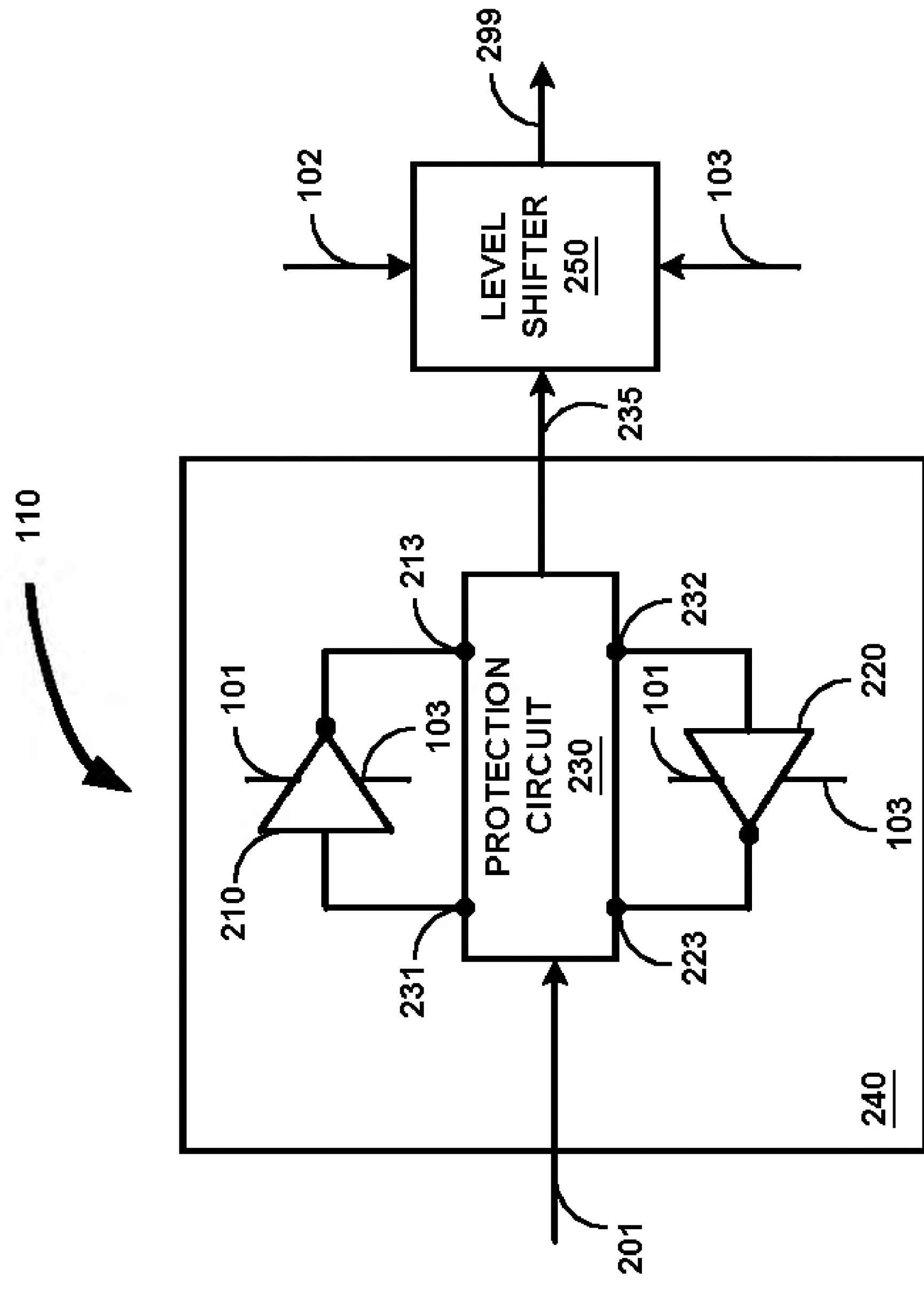
**FIG. 1B**



**FIG. 1C (Prior Art)**



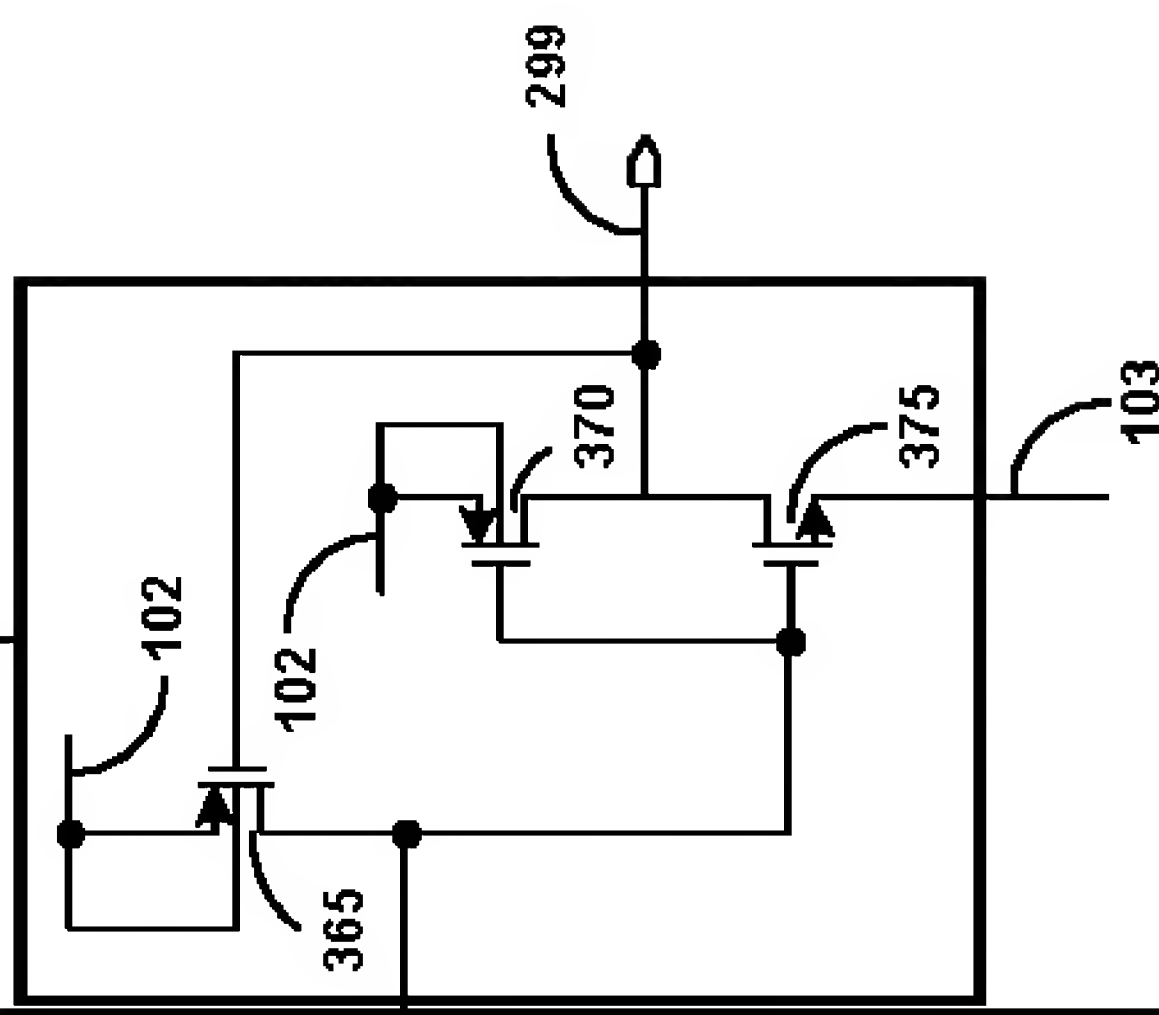
**FIG. 1D (Prior Art)**



**FIG. 2**



110



Cross Terminals	Voltage value	Comments
Vds of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vdg of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vgs of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vdg of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vds of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vdg of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vgs of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vdg of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 330

410-1

410-2

410-3

410-4

410-5

410-6

410-7

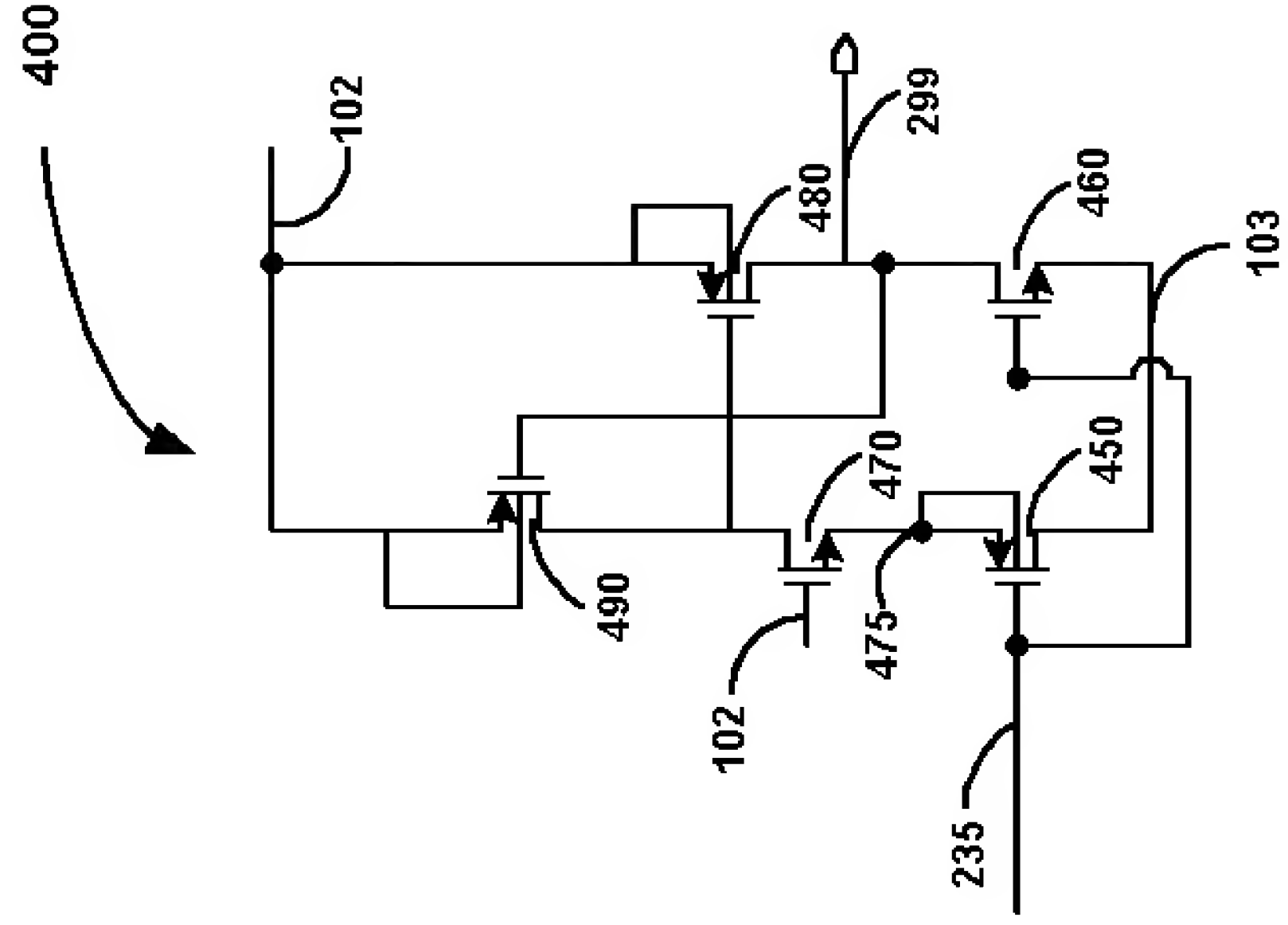
410-8

**FIG. 4A**

Cross Terminals	Voltage value	Comments
Vgs of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vdg of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vds of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vdg of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vgs of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vdg of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vds of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vdg of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 310

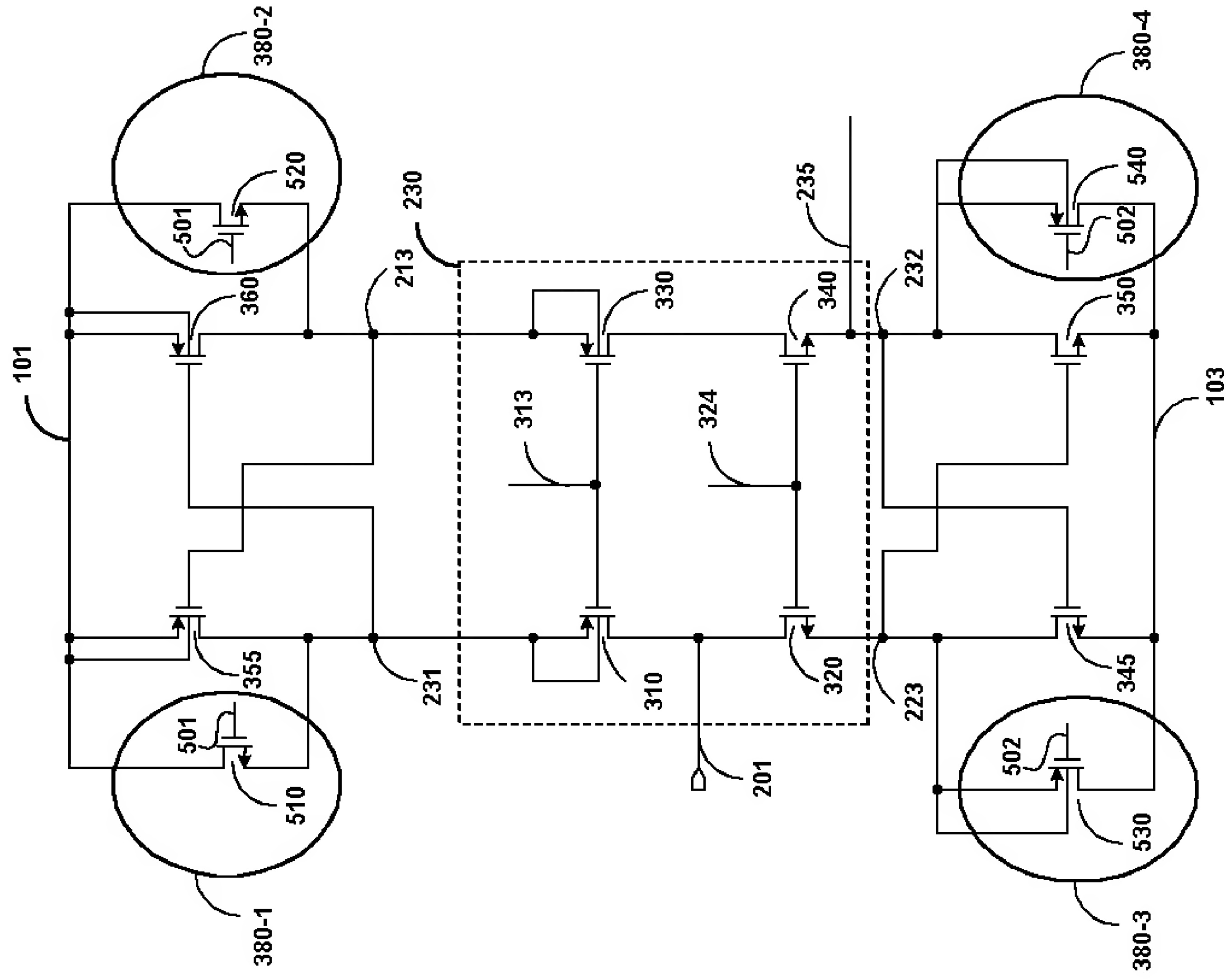
430-1  
430-2  
430-3  
430-4  
430-5  
430-6  
430-7  
430-8

**FIG. 4B**

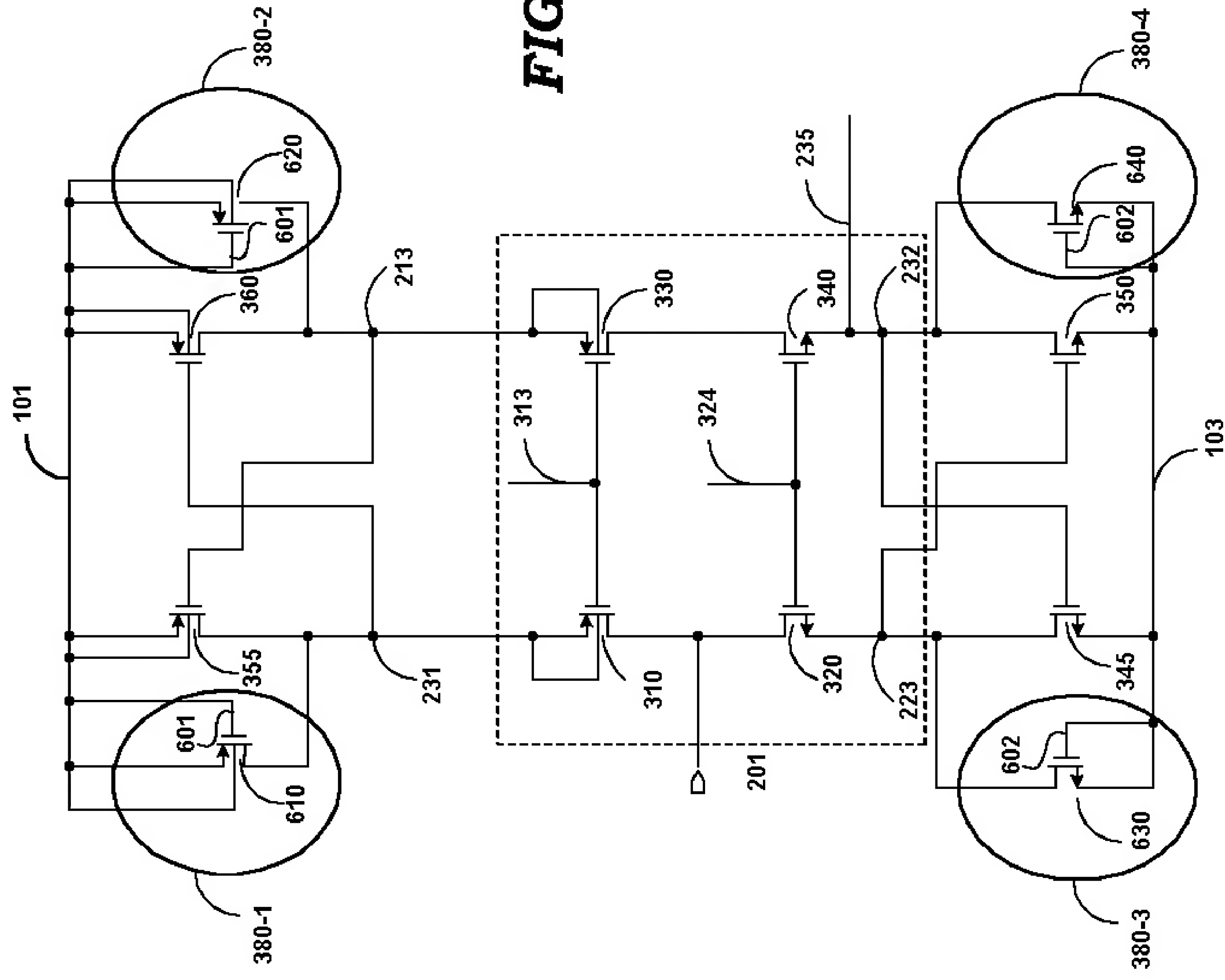


**FIG. 4C**

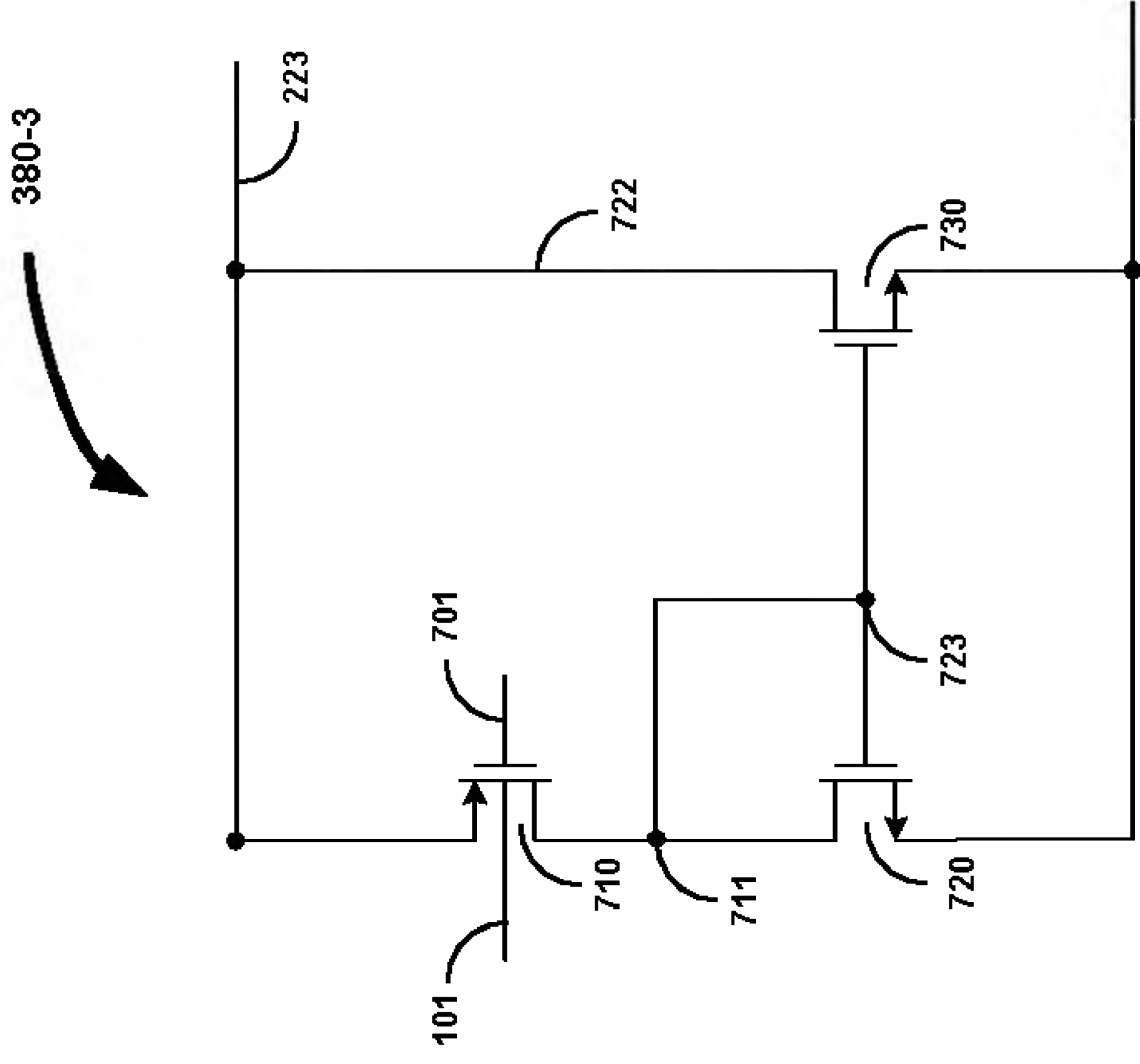




**FIG. 5**



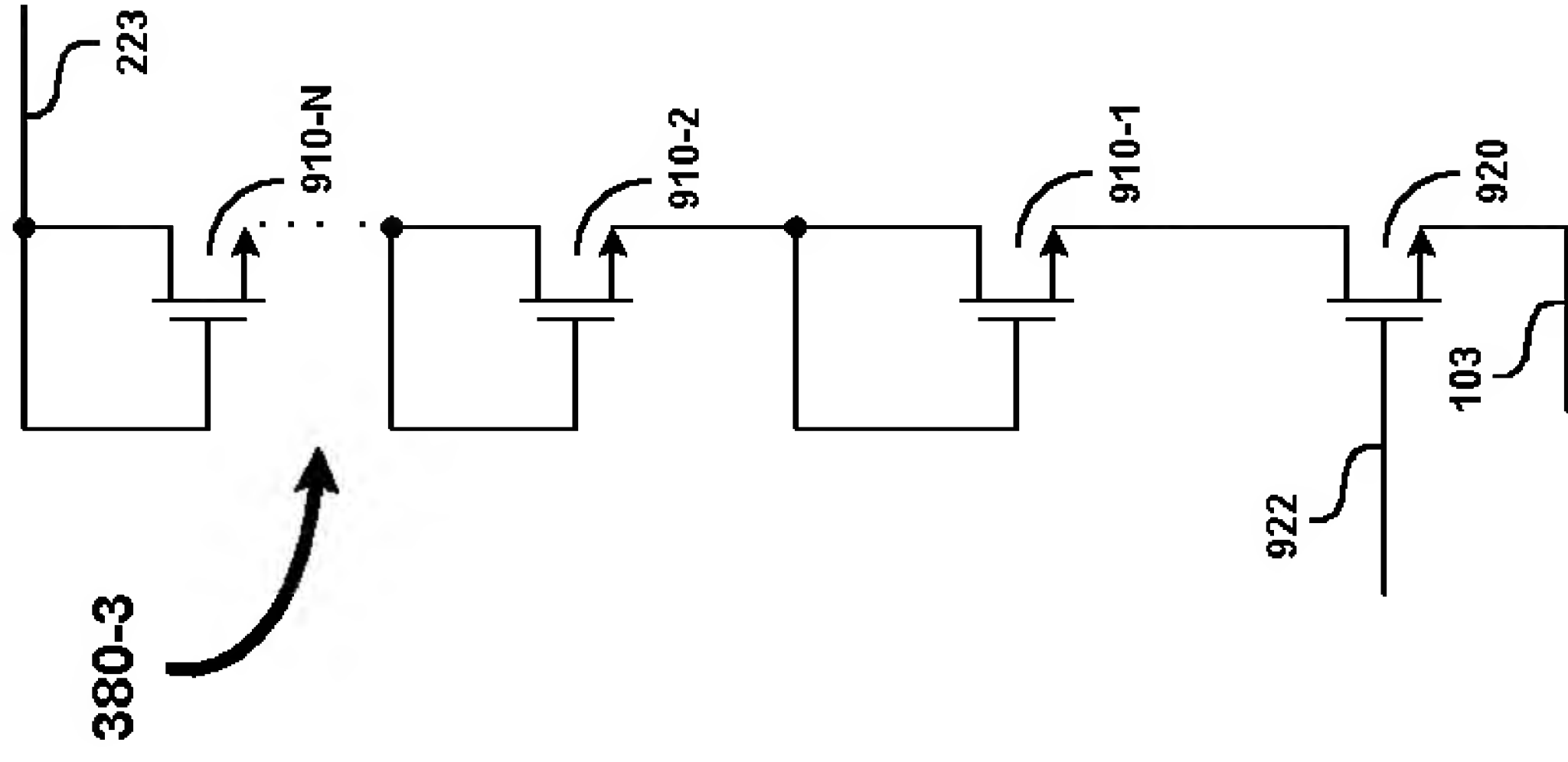
**FIG. 6**



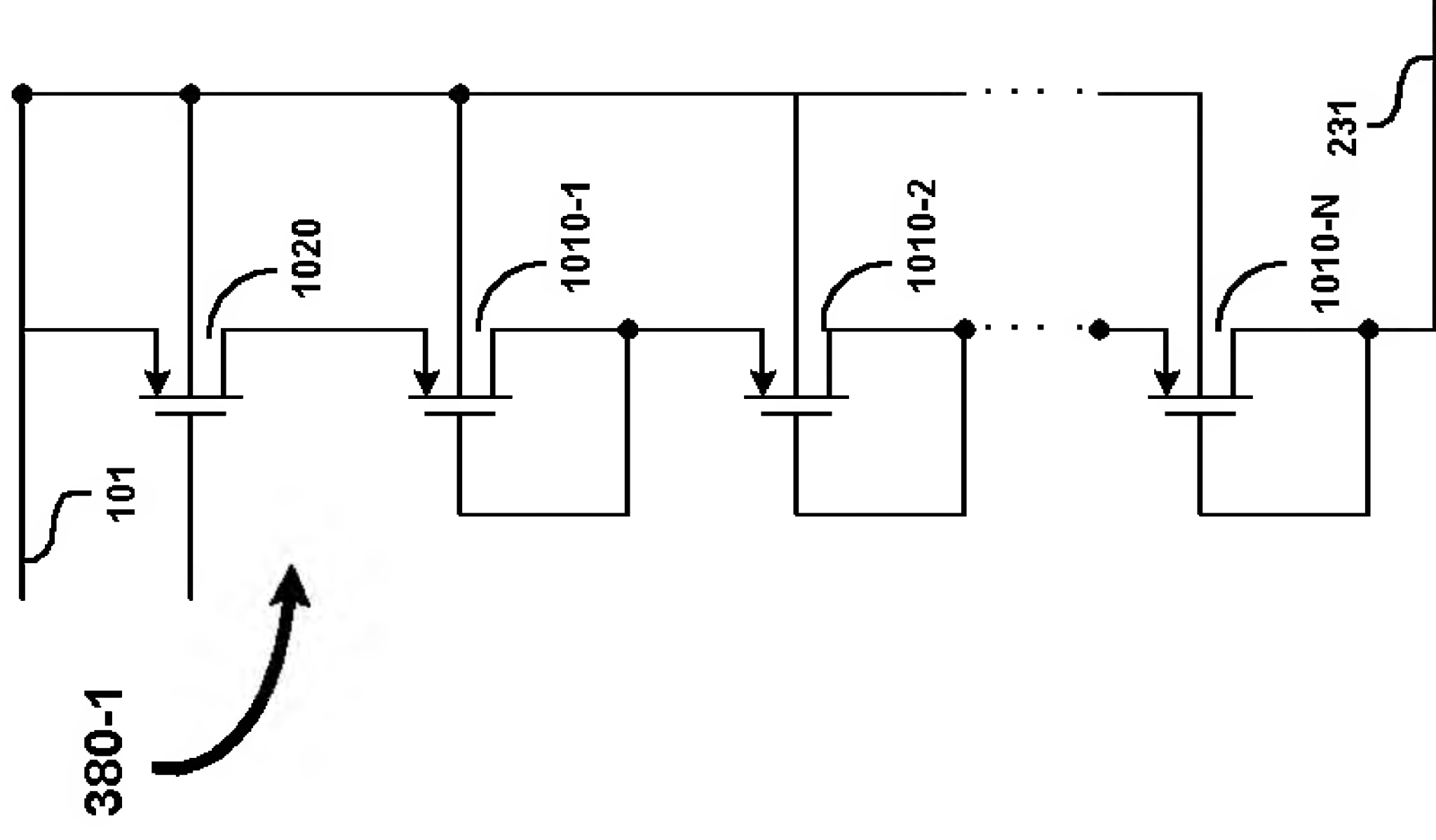
**FIG. 7**



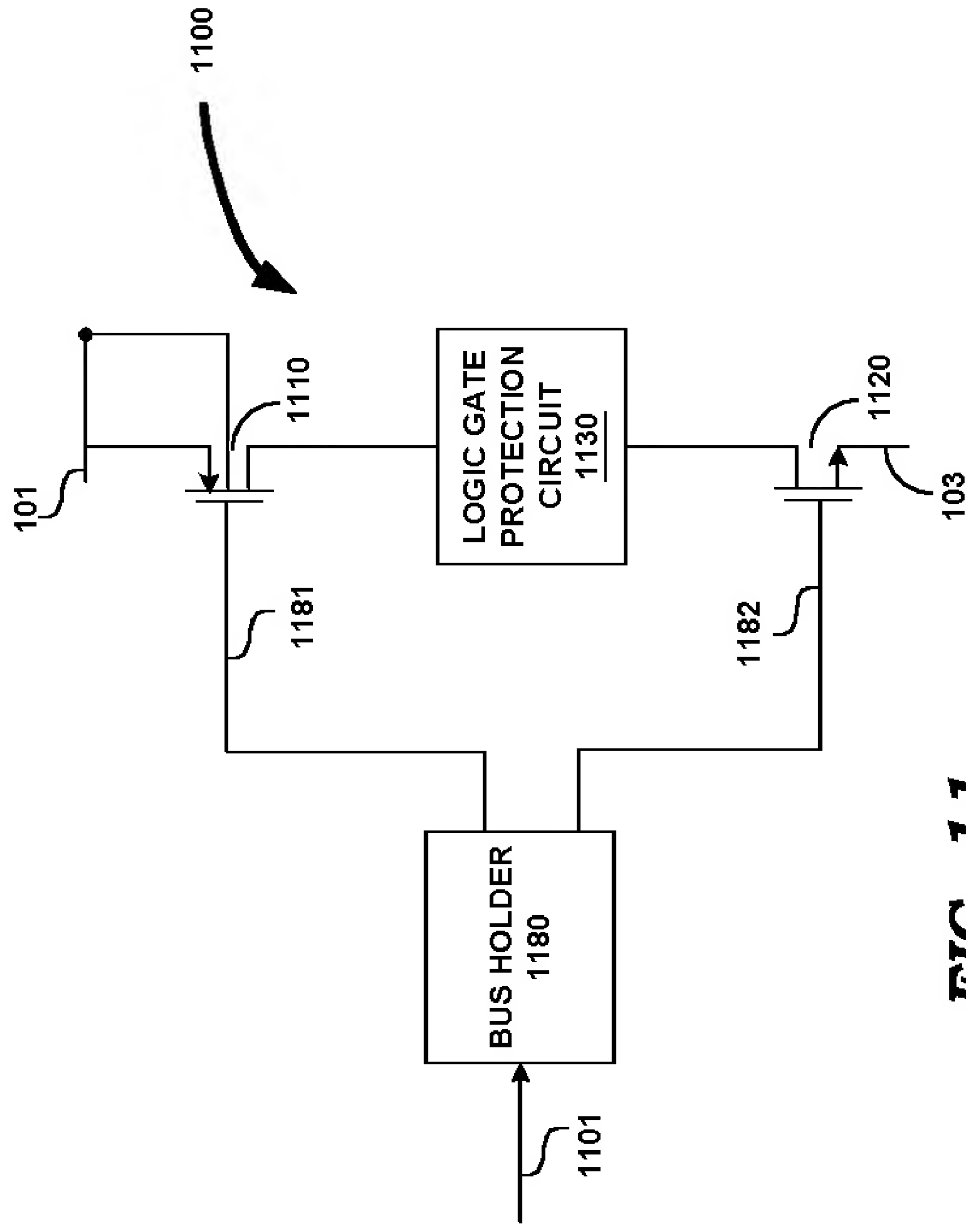
**FIG. 8**



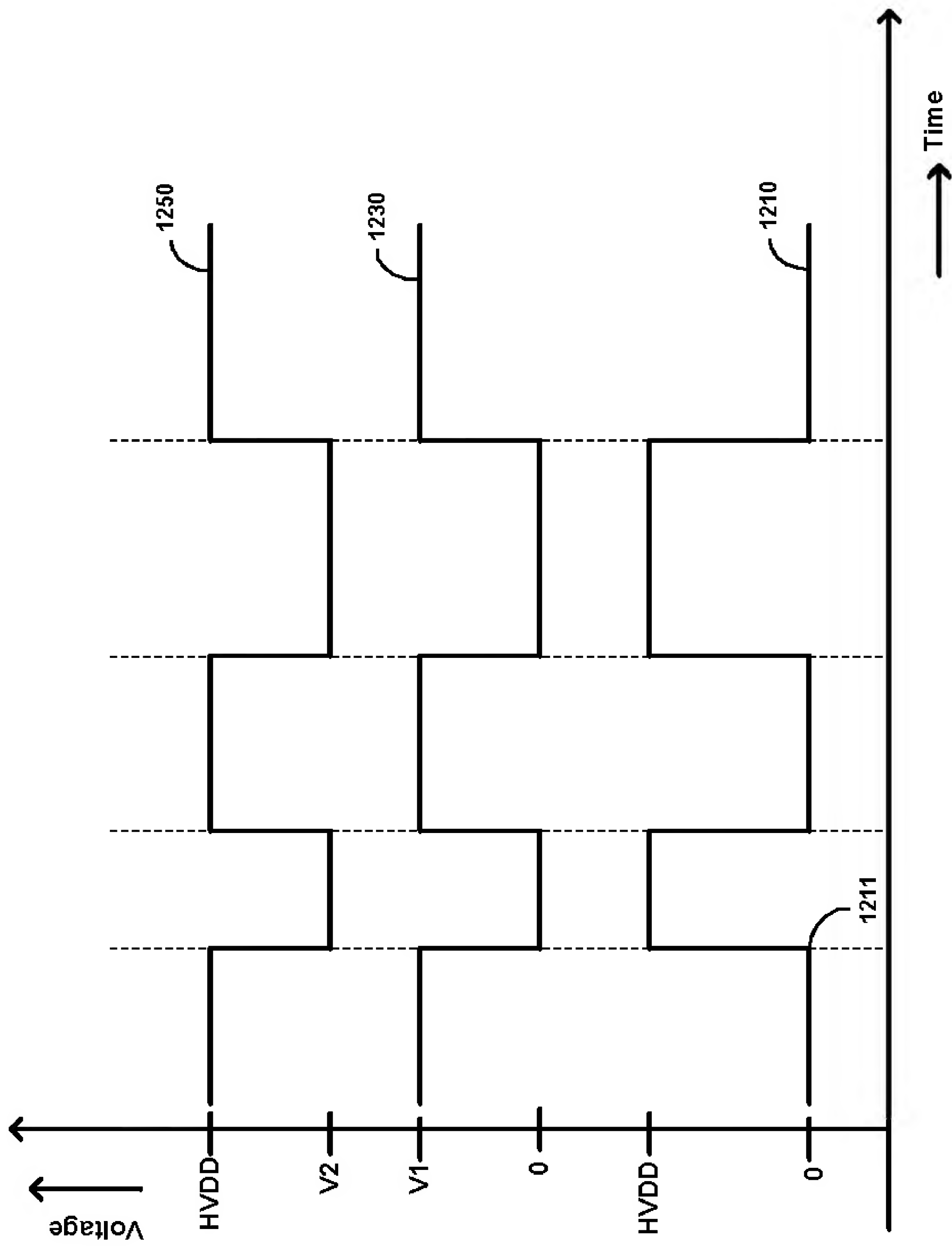
**FIG. 9**



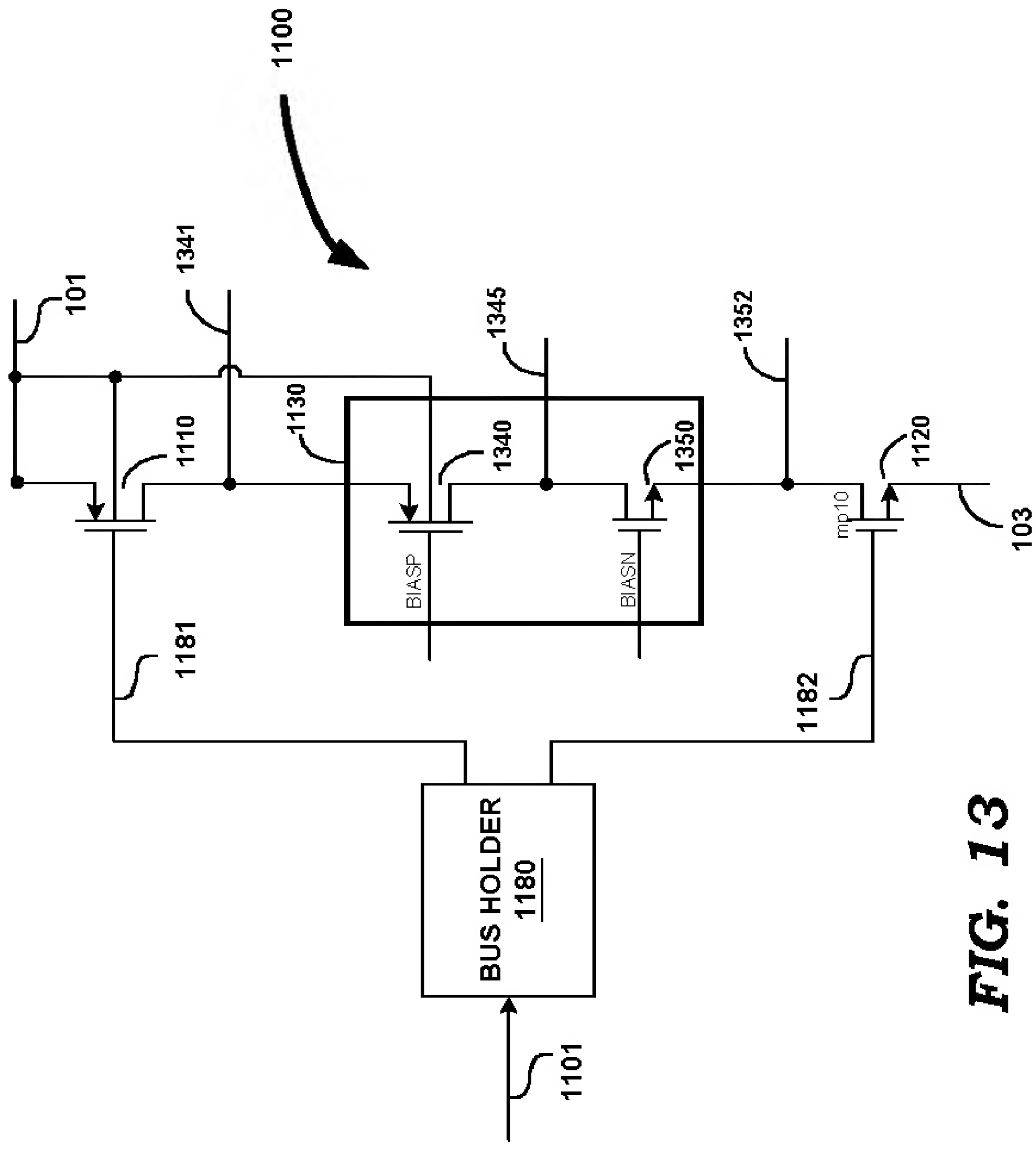
**FIG. 10**



**FIG. 11**

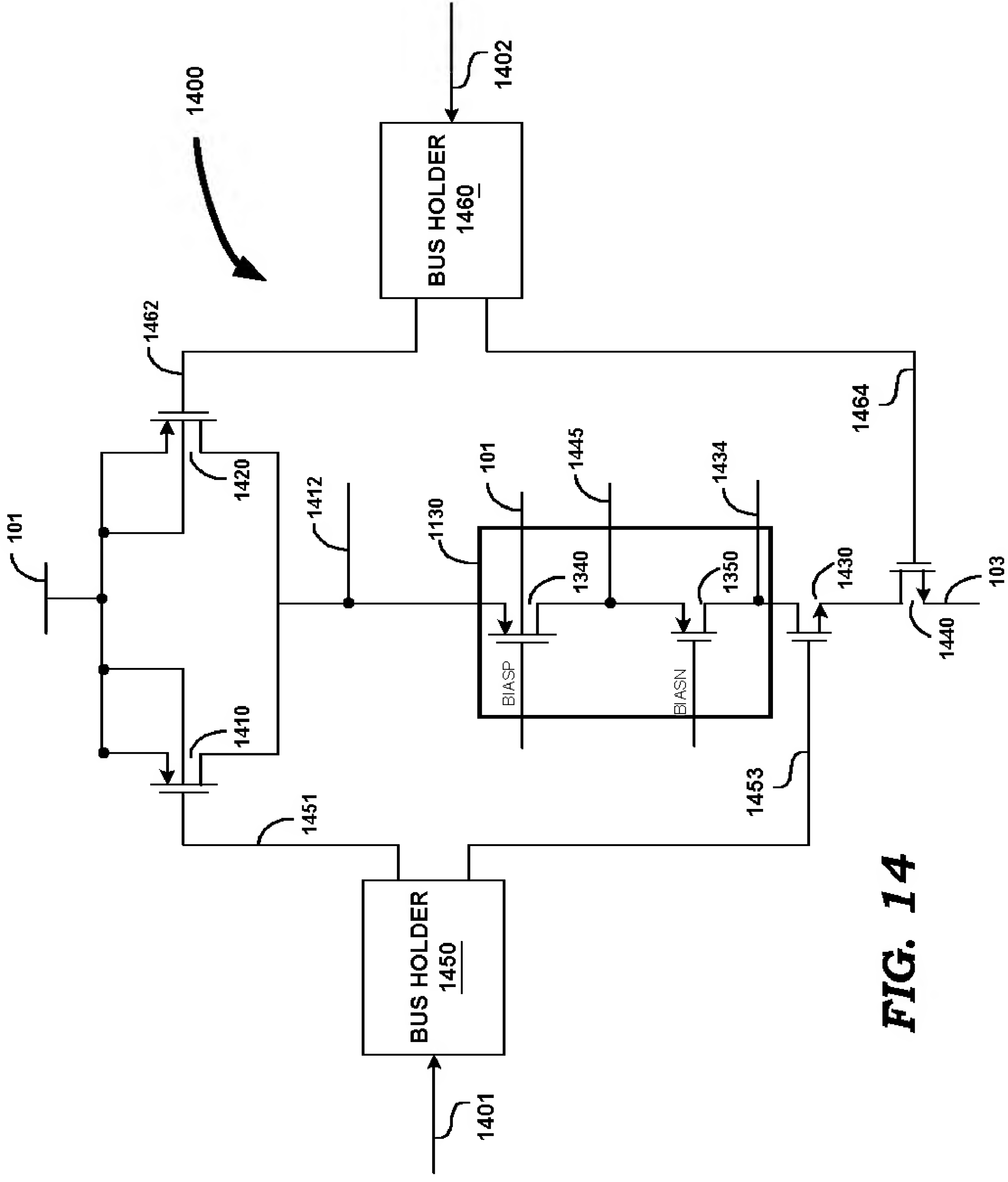


**FIG. 12**

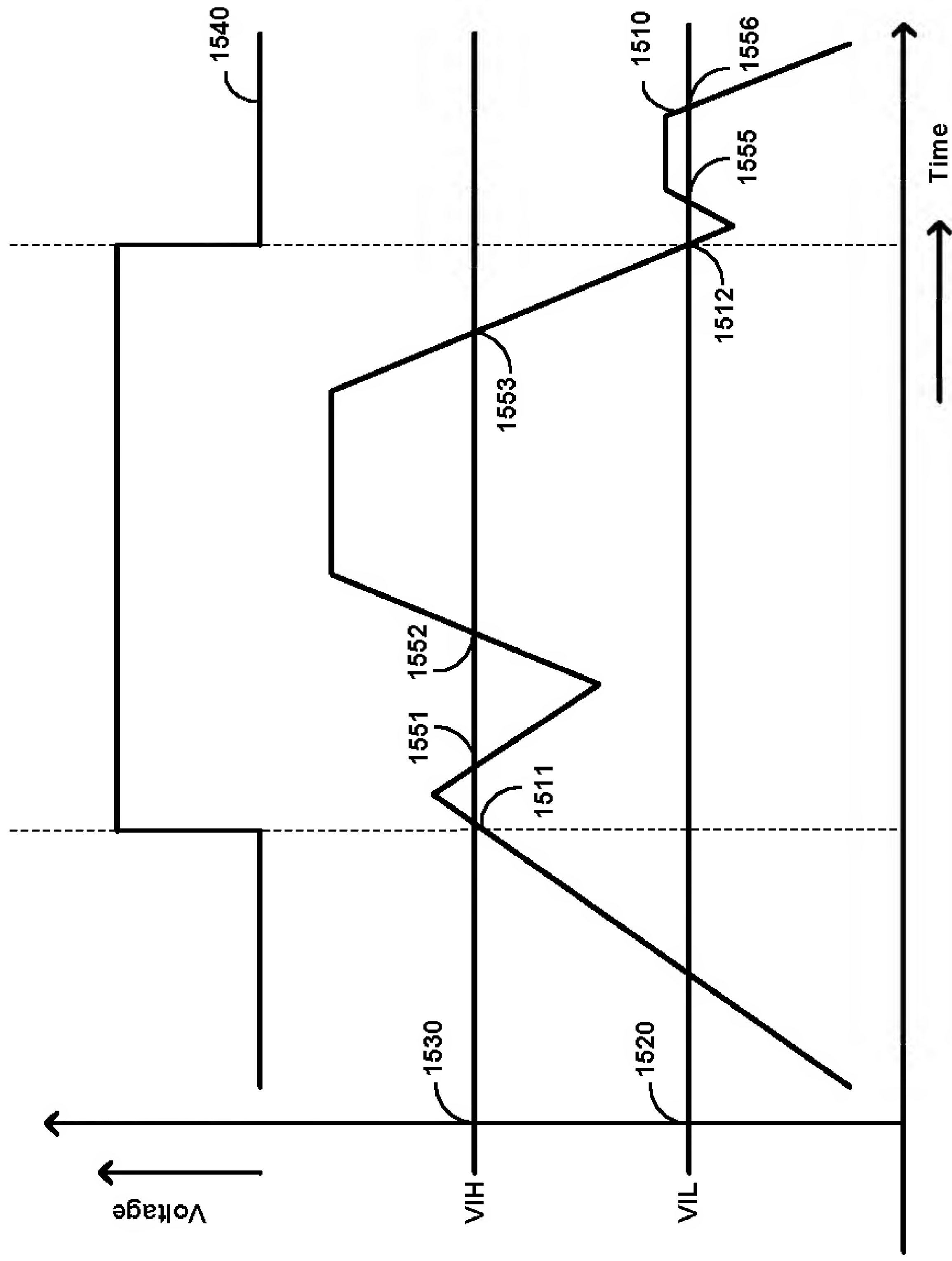


**FIG. 13**



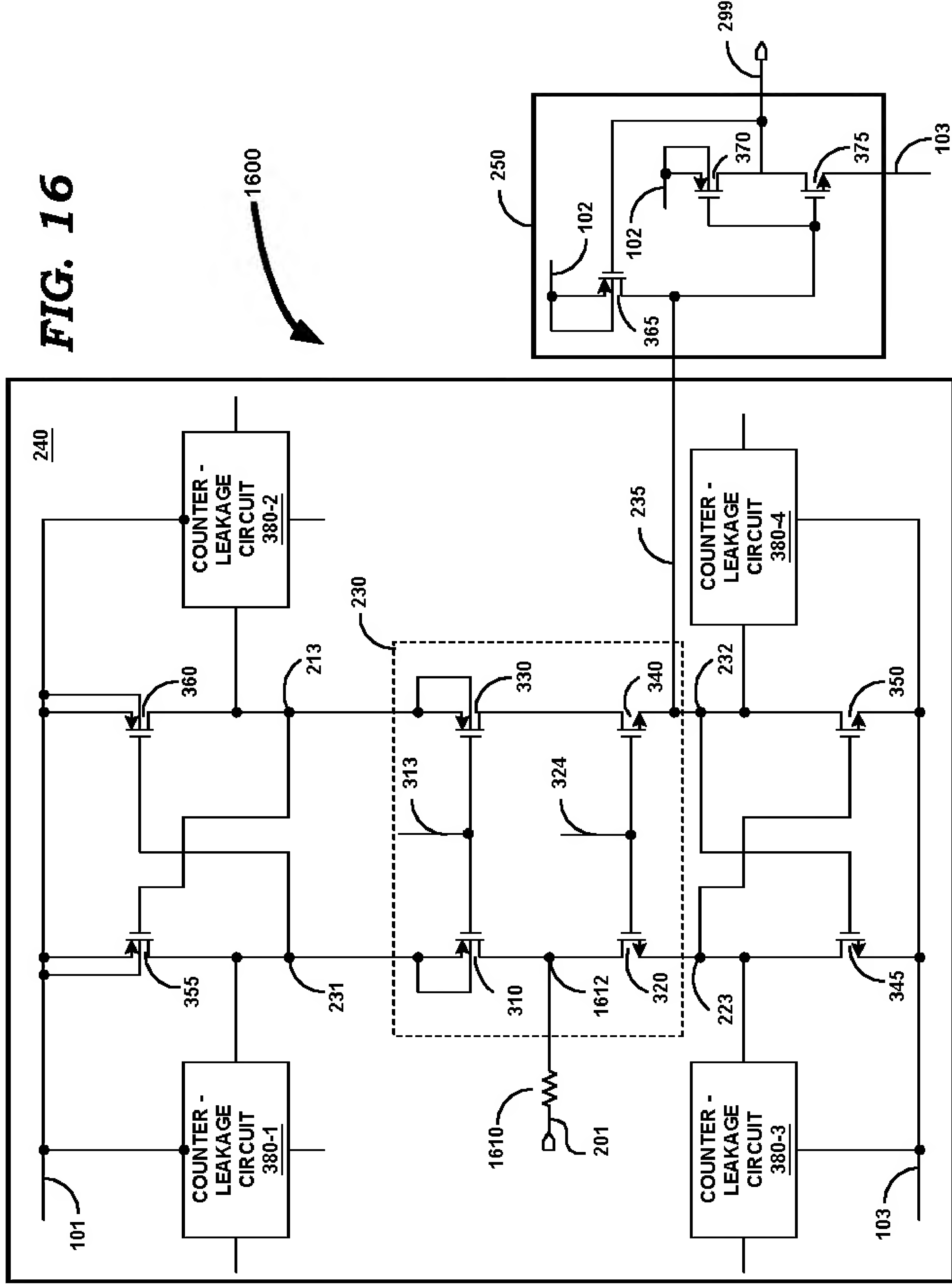


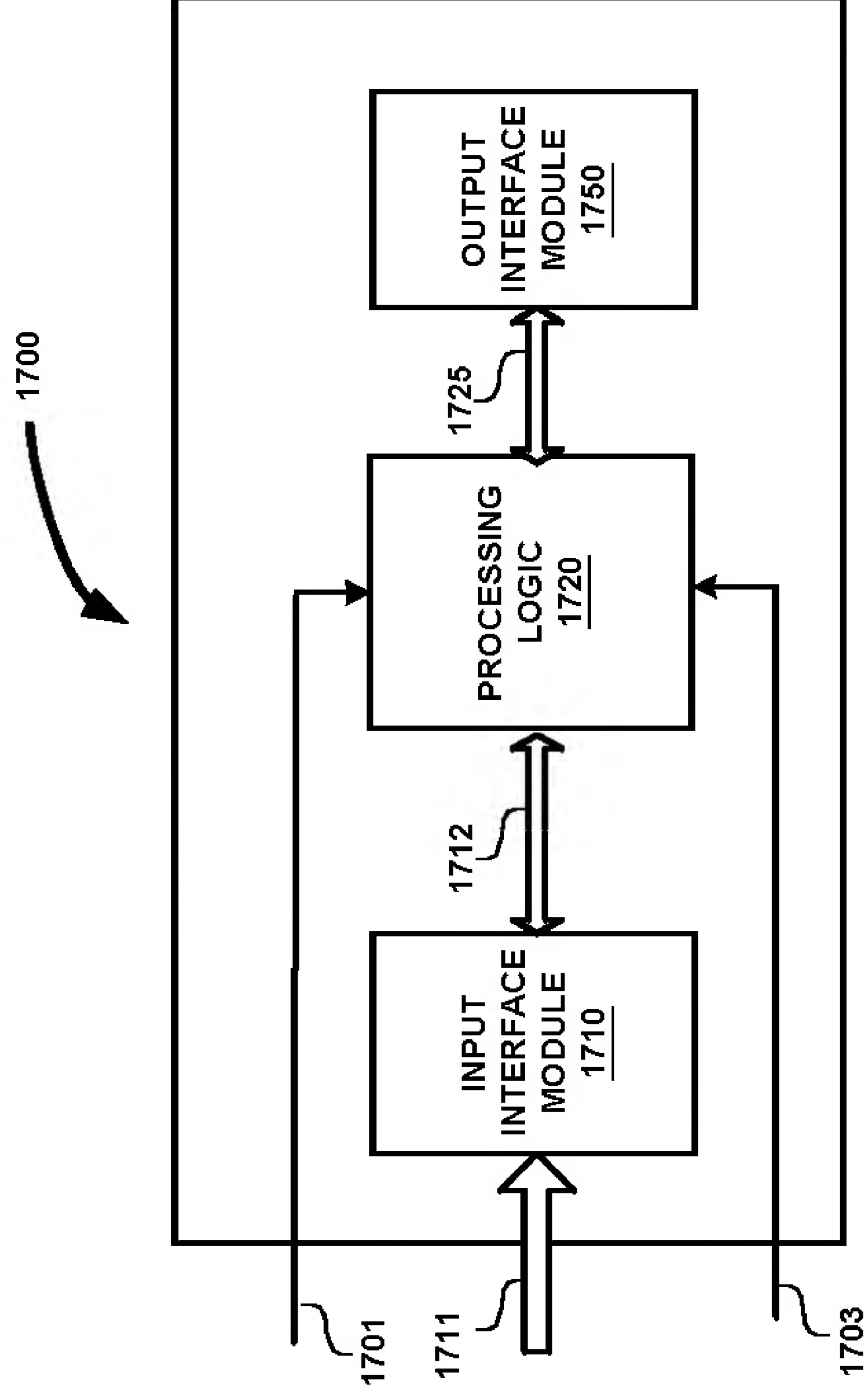
**FIG. 14**



**FIG. 15**

**FIG. 16**





**FIG. 17**